What is claimed is:

1. An antenna comprising:

a core material which is formed by laminating a plurality of thin plates made of a magnetic material, both end portions of the core material being widened in a thickness direction; and

a coil which is wound around the core material.

2. The antenna as claimed in claim 1, wherein the magnetic material comprises amorphous.

3. The antenna as claimed in claim 1, wherein a spacer is provided between a plurality of the thin plates at the both end portions of the core material.

4. The antenna as claimed in claim 3, wherein the magnetic material comprises amorphous.

5. The antenna as claimed in claim 1, wherein the antenna receives a long wave.

6. The antenna as claimed in claim 1, wherein the antenna receives an electric wave that includes a time data.

7. The antenna as claimed in claim 1, wherein the antenna is contained in a case of a wristwatch.

8. The antenna as claimed in claim 1, further comprising a core material case around which the coil is wound.

9. The antenna as claimed in claim 1, wherein the core material comprises:

a first group of the thin plates, a section of which in a length direction is horizontal; and

a second group of the thin plates which is laminated on the first group of the thin plates, a section of the second group of the thin plates in a length direction having a horizontal central portion and both end portions which are bent in the thickness direction.

10. The antenna as claimed in claim 9, wherein the spacer is provided between both end portions of the first group of the thin plates and the both end portions of the second group of the thin plates.

11. The antenna as claimed in claim 9, wherein the magnetic material comprises amorphous.

12. The antenna as claimed in claim 1, wherein the core material comprises:

a first group of the thin plates, a section of which

in a length direction has a horizontal central portion and both end portions which are bent in the thickness direction; and

a second group of the thin plates which is laminated on the first group of the thin plates, a section of the second group of the thin plates in a length direction having a horizontal central portion and both end portions which are bent in the thickness direction.

13. The antenna as claimed in claim 12, wherein the spacer is provided between the both end portions of the first group of the thin plates and the both end portions of the second group of the thin plates.

14. The antenna as claimed in claim 12, wherein the magnetic material comprises amorphous.

15. An antenna comprising:

a core material which is formed by binding a plurality of wire rods made of a magnetic material, both end portions of the core material being widened from a center of a bundle; and

a coil which is wound around the core material.

16. The antenna as claimed in claim 15, wherein the magnetic material comprises amorphous.

17. The antenna as claimed in claim 15, wherein the antenna receives a long wave.

18. The antenna as claimed in claim 15, wherein the antenna receives an electric wave that includes a time data.

19. A method for manufacturing an antenna comprising:

a first step of placing a spacer at both end portions of a plurality of laminated thin plates that is made of a magnetic material, and further laminating a plurality of thin plates that is made of the magnetic material thereon to form a core material;

a second step of containing the core material in a pair of upper and lower cases; and

a third step of winding a coil on the cases.

20. The method for manufacturing the antenna as claimed in claim 19, wherein the magnetic material comprises amorphous.